

# SEQUENCE LISTING

<110> Impact Diagnostics  
Hu, Yao Xiong

<120> Immunological Methodology for Discerning Human Papillomavirus  
Contemplating Peptides From the E7 Early Coding Region of HPV 16

<130> 3352-2-1-4

<150> US 09/828,645

<151> 2001-04-05

<150> US 60/194,796

<151> 2000-04-05

<160> 8

<170> PatentIn version 3.2

<210> 1

<211> 19

<212> PRT

<213> Artificial

<220>

<223> Derived from the E2 early coding region of HPV-16

<400> 1

Asp	Ile	Cys	Asn	Thr	Met	His	Tyr	Thr	Asn	Trp	Thr	His	Ile	Tyr	Ile
1				5					10					15	

Cys Glu Glu

<210> 2

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Derived from the E2 early coding region of HPV-16

<400> 2

His	Lys	Ser	Ala	Ile	Val	Thr	Leu	Thr	Tyr	Asp	Ser	Glu	Trp	Gln	Arg
1				5					10					15	

<210> 3

<211> 30

<212> PRT

<213> Artificial

<220>

<223> Derived from the E7 early coding region of HPV-16

<400> 3

Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp  
1 5 10 15

Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu  
20 25 30

<210> 4

<211> 20

<212> PRT

<213> Artificial

<220>

<223> Derived from the E7 early coding region of HPV-16

<400> 4

Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile  
1 5 10 15

Arg Thr Leu Glu  
20

<210> 5

<211> 19

<212> PRT

<213> Artificial

<220>

<223> Derived from the E2 early coding region of HPV-18

<400> 5

Glu Lys Thr Gly Ile Leu Thr Val Thr Tyr His Ser Glu Thr Gln Arg  
1 5 10 15

Thr Tyr Phe

<210> 6

<211> 19

<212> PRT

<213> Artificial

<220>

<223> Derived from the E2 early coding region of HPV-16

<220>

<221> MISC\_FEATURE

<222> (3)..(3)

<223> Xaa = L-Carboxymethylcysteine

<220>

<221> MISC\_FEATURE

<222> (17)..(17)

<223> Xaa = L-Carboxymethylcysteine

<400> 6

Asp	Ile	Xaa	Asn	Thr	Met	His	Tyr	Thr	Asn	Trp	Thr	His	Ile	Tyr	Ile
1				5					10					15	

Xaa Glu Glu

<210> 7

<211> 30

<212> PRT

<213> Artificial

<220>

<223> Derived from the E7 early coding region of HPV-16

<220>

<221> MISC\_FEATURE

<222> (19)..(19)

<223> Xaa = L-Carboxymethylcysteine

<400> 7

Pro	Thr	Leu	His	Glu	Tyr	Met	Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp
1				5					10					15	

Leu	Tyr	Xaa	Tyr	Glu	Gln	Leu	Asn	Asp	Ser	Ser	Glu	Glu	Glu
			20					25					30

<210> 8

<211> 20

<212> PRT

<213> Artificial

<220>

<223> Derived from the E7 early coding region of HPV-16

<220>

<221> MISC\_FEATURE

<222> (1)..(1)

<223> Xaa = L-Carboxymethylcysteine

<220>

<221> MISC\_FEATURE

<222> (8)..(8)

<223> Xaa = L-Carboxymethylcysteine

<400> 8

Xaa	Asp	Ser	Thr	Leu	Arg	Leu	Xaa	Val	Gln	Ser	Thr	His	Val	Asp	Ile
1				5				10						15	

Arg	Thr	Leu	Glu
			20